

# Request for Proposal for

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## Boiler and ESP Package for Overhaul of GMDC's 2X125 MW Akrimota Thermal Power Station (ATPS), Gujarat

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### Answer to Pre-Bid Queries and Corrigendum – IV



**Gujarat Mineral Development Corporation Limited  
Khanij Bhavan, 132-Ring Road, Gujarat University Ground,  
Vastrapur, Ahmedabad- 380052**

**Pre-Bid Meeting Date: 23<sup>rd</sup> August 2023**

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## Responses to pre-bid queries

Sr. No.	Clause No	Description of clause	Pre-bid query/clarification	Response / Addendum / Corrigendum (If any)
1.	3.1.2.3	Overhaul plan	<p><b>Ash cooler:</b></p> <p>Supply and install MS plates, SS 310 plates, and baffle plate assembly as per specifications in Annexure 2, Plan 2</p> <p>Not mentioned in Annexure 2, Plan 2. Kindly provide details for consideration</p>	Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&I), and Annexure 2 of this Corrigendum-IV, detailed below.
2.	3.1.2.3	Overhaul plan	<p><b>Ash cooler recirculation bellow:</b></p> <p>Supply and install non-metallic bellows and MS plates as per specifications in Annexure 2, Plan 2</p> <p>Not mentioned in Annexure 2, Plan 2. Kindly provide details for consideration</p>	Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&I), and Annexure 2 of this Corrigendum-IV, detailed below.
3.	3.1.2.3	Overhaul plan	<p><b>Ash cooler sea water line:</b></p> <p>Supply and install SS 316 L and MS/GI pipelines for sea water into ash cooler.</p> <p>Not mentioned in Annexure 2, Plan 2. Kindly provide details for consideration</p>	Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&I), and Annexure 2 of this Corrigendum-IV, detailed below.
4.	3.1.2.3	Overhaul plan	<p><b>Furnace:</b></p> <p>Inspect, supply, and replace furnace bed tubes, furnace tubes, evaporator tubes, evaporator intermediate wall tubes, superheater tubes, and reheater tubes as per observations identified during the RLA and specifications detailed in Annexure 2, Plan 4</p>	<p>Preliminary RLA reports for Unit 1 and Unit 2 attached as part of Annexure 3 of this corrigendum.</p> <p>Available drawings attached as part of Annexure 1 of this corrigendum.</p>

Sr. No.	Clause No	Description of clause	Pre-bid query/clarification	Response / Addendum / Corrigendum (If any)
			RLA report and detailed drawings required	
5.	3.1.2.3	Overhaul plan	<p><b>2<sup>nd</sup> pass:</b></p> <p>Inspect, supply, and replace economizer section tubes, 2nd pass upper hanger tubes (SH1), 2nd pass lower hanger tubes (SH2), front wall tubes (SH1), LH/RH side wall tubes (SH2), rear wall tubes (SH3), superheater (SH3, SH5) tubes, and reheater (RH1) tubes as per observations identified during the RLA and specifications detailed in Annexure 2, Plan 4</p> <p>RLA report and detailed drawings required</p>	<p>Preliminary RLA reports for Unit 1 and Unit 2 attached as part of Annexure 3 of this corrigendum.</p> <p>Drawings for boiler elevation and pressure parts are attached as part of Annexure 1 of this corrigendum.</p>
6.	3.1.2.3	Overhaul plan	<p><b>Soot blower:</b></p> <p>Supply &amp; replace soot blowers for TAPH, Supply &amp; replace soot blowers for HRSB, Supply of lance tubes for soot blowers, Supply of spares for LRSB, HRSB, rotary soot blowers</p> <p>Not mentioned in Annexure 2</p> <p>(Kindly provide technical specifications along with GAD for consideration)</p>	<p>Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&amp;I), and Annexure 2 of this Corrigendum-IV, detailed below.</p> <p>Drawings for boiler and TAPH soot blowers attached as part of Annexure 1 of this corrigendum.</p>
7.	3.1.2.3	Overhaul plan	<p><b>SWAS:</b></p> <p>Supply and replace primary SWAS coolers for samples, Install MS lines for SWAS coolers.</p> <p>Not mentioned in Annexure 2</p> <p>(Kindly provide technical specifications along with</p>	<p>Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&amp;I), and Annexure 2 of this Corrigendum-IV, detailed below.</p> <p>Available drawings attached as part of Annexure 1 of this corrigendum.</p>

Sr. No.	Clause No	Description of clause	Pre-bid query/clarification	Response / Addendum / Corrigendum (If any)
			GAD for consideration)	
8.	3.1.2.3	Overhaul plan	<p><b>Ash cooler fans:</b></p> <p>Supply of impeller &amp; shaft as per specification in Annexure 2, Plan 8</p> <p>Not mentioned in Annexure: 2</p>	Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&I), and Annexure 2 of this Corrigendum-IV, detailed below.
9.	3.1.2.3	Overhaul plan	<p><b>Hangers and supports:</b></p> <p>Inspect and repair / replace hangers and supports as detailed in Annexure 4, including remedial actions as per observations from the RLA.</p> <p>Provide specifications for all hanger supports and, Annexure - 4 &amp; RLA</p>	<p>List of hangers and supports attached as part of Annexure 4 of the RfP (available on GMDC's website)</p> <p>Available drawings attached as part of Annexure 1 of this corrigendum.</p>
10.	3.1.2.3	Overhaul plan	<p><b>Valves:</b></p> <p>Economizer &amp; ring header drain valve, Start up vent MOV, SH drain MOV, IBD valve, Safety valves</p> <p>Not mentioned in Annexure 2,</p> <p>Kindly provide detailed specifications &amp; valves GAD for supply part and arranging spares for consideration.</p>	<p>Successful Bidder shall supply material as per Annexure 2 of the RfP, Annexure 2 of Corrigendum-III (C&amp;I), and Annexure 2 of this Corrigendum-IV, detailed below.</p> <p>Technical data sheets for valves attached as part of Annexure 1 of this corrigendum.</p>
11.	7.1, 7.2	Performance Guarantee Testing (PGT) & Desired outcome parameters	<p>Since the units are running for long 15 years, its retrofit job &amp; one to one replacement of parts as per details drawing shared by GMDC.</p> <p>We cannot commit to achieve desired outcome parameters as per 7.2 Details.</p>	<p>The Successful Bidder shall strive to demonstrate the performance of the Boilers for both units post completion of the Overhaul.</p> <p>In case of any deviation observed between the demonstrated performance and the</p>

Sr. No.	Clause No	Description of clause	Pre-bid query/clarification	Response / Addendum / Corrigendum (If any)
				outcomes for the parameters defined in Clause 7.2 of the RfP, the Successful Bidder shall provide a justification of the deviation through appropriate means like correction curves, fuel characteristics, or any other relevant material/ data, as required, to the Owner and the PMC.
12.	Annexure 2	Spares for Boiler Overhaul	Detailed specifications Size & MOC required for anchors for refractory and vortex.	Corrugated Anchor of MOC SS310.  Available drawings attached as part of Annexure 1 of this corrigendum.
13.	Annexure 2	Spares for Boiler Overhaul	Insulation for PA, SA and ID fans.  Kindly specify the separate requirements for different thickness of insulation.	LIGHT RESIN BONDED ROCK WOOL MATRESS WITH ONE SIDE GI WIRE MESS OF 20X24 SWG CONFIRMING OF IS 8183 OF DENSITY 150 KG/M3 (1.52X1.22X4 PCS-7.147 M2 IN EACH PACKET)  ALUMINIUM COIL, 0.5MM THICK, IS:737, MAKE:BALCO  GI PLATE, SIZE:100X100X1 MM WITH CENTRE HOLE 6.5MM, APPLICATION:INSULATION HOLDER  L-TYPE ROUND BAR, SIZE:100X25X6MM, MOC:MS, APPLICATION: INSULATION HOLDER  Schedule of insulation has been attached as part of Annexure 1 of this corrigendum.
14.	Annexure 2	Spares for Boiler Overhaul	<b>Lime dosing system:</b>  Procurement of mill ball (40 mm , 50 mm & 60	MOC of mill balls: Manganese Type: Solid balls Recommended filling: 27%

Sr. No.	Clause No	Description of clause	Pre-bid query/clarification	Response / Addendum / Corrigendum (If any)
			mm) Detailed drawings required	
15.	Annexure 2	Spares for Boiler Overhaul	<b>Lime dosing system:</b> Compressor NRV – Size / MOC / drawings required	Available drawings attached as part of Annexure 1 of this corrigendum.
16.	Annexure 2	Spares for Boiler Overhaul	<b>Lime dosing system:</b> Procurement of spare guide plates, Bottom wear strip (sail hard)  Kindly provide Drawing MH-027-15-A-001 Rev-00	Available drawings attached as part of Annexure 1 of this corrigendum.
17.	Annexure 2	Spares for Boiler Overhaul	Hot water pump motor data sheet required	Hot Water Pump Motor: 3- $\phi$ squirrel cage induction motor, KW-69, 415Volt, 50HZ, Full Load Current-112Amp., RPM-2975, Frame size-1LA6 280 - 2AC90 Z 280S, Mounting - Foot mounted, COS Phi-0.90, IP 55, Make-Siemens make (One to one replacement)
18.	Annexure 2	Spares for Boiler Overhaul	TAPH:  80mm and 150mm thickness insulation  Kindly specify separate requirement for different thicknesses.	LIGHT RESIN BONDED ROCK WOOL MATRESS WITH ONE SIDE GI WIRE MESS OF 20X24 SWG CONFIRMING OF IS 8183 OF DENSITY 150 KG/M3 (1.52X1.22X4 PCS-7.147 M2 IN EACH PACKET)  ALUMINIUM COIL, 0.5MM THICK, IS:737, MAKE: BALCO  GI PLATE, SIZE:100X100X1 MM WITH CENTRE HOLE 6.5MM, APPLICATION:INSULATION HOLDER  L-TYPE ROUND BAR, SIZE:100X25X6MM,

Sr. No.	Clause No	Description of clause	Pre-bid query/clarification	Response / Addendum / Corrigendum (If any)
				MOC:MS, APPLICATION: INSULATION HOLDER  Schedule of insulation has been attached as part of Annexure 1 of this corrigendum.
19.	Annexure 2	Spares for Boiler Overhaul	GA drawing required for FA cooling fan with motor	Available drawings attached as part of Annexure 1 of this corrigendum.
20.	Annexure 2	Spares for Boiler Overhaul	GA & PID for burner assembly required Along with model number & make	Available drawings attached as part of Annexure 1 of this corrigendum.
21.	Annexure 2	Spares for Boiler Overhaul	HFO tank – dia 9 mtr, height 8 mtr, radar type	Successful Bidder shall install new limit switch for given specifications.
22.	Annexure 2	Spares for Boiler Overhaul	Auxiliary boiler pressure parts detailed drawings required	Available drawings attached as part of Annexure 1 of this corrigendum.
23.	Annexure 2	Spares for Boiler Overhaul	Boiler pressure parts detailed drawings required	Available drawings attached as part of Annexure 1 of this corrigendum.
24.	Annexure 2	Spares for Boiler Overhaul	150 mm and 100 mm thickness insulation for pipelines  Kindly specify separate requirement for different thicknesses.	Schedule of insulation has been attached as part of Annexure 1 of this corrigendum.

## **Annexure 1: General Arrangement Drawings and Technical Data Sheets**

Bidders can refer to the drawings uploaded in the below link to access the documents, drawings, and technical data sheets for Boiler and ESP.

Link:

[https://gmdcltd-my.sharepoint.com/:f:/g/personal/jndave\\_gmdcltd\\_onmicrosoft\\_com/EuSHBcaKEVdLI0u5m8XgRnwbj9axsAOIsuWy7ifx5vmvqw?e=48ZU30](https://gmdcltd-my.sharepoint.com/:f:/g/personal/jndave_gmdcltd_onmicrosoft_com/EuSHBcaKEVdLI0u5m8XgRnwbj9axsAOIsuWy7ifx5vmvqw?e=48ZU30)

## Annexure 2: Additional Spares for Boiler Overhaul

In addition to the spares detailed in Annexure 2 of the RfP and Annexure 2 of Corrigendum-III, the Successful Bidder shall also supply the following spares for execution of the Overhaul, and include it as part of the price bid submission.

### Plan 1: Auxiliary Boiler

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1	Aux. Boiler	Fins	Bricks Fire Size 230x115x75mm, 400°C	NOS	8000	Common	✓	

### Plan 2: Ash Handling System

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1	Ash cooler	Rotary Seal	Ash rotary seal, 400x400mm with isolation gate as per Drawing	NOs	4	Unit 1 and Unit 2	✓	
2	Ash cooler	MS plate	8mm MS plate	ton	2	Unit 1 and Unit 2	✓	
3	Ash cooler	SS310 plate	10mm MS plate	ton	1.5	Unit 1 and Unit 2	✓	
4	Ash cooler	Buffel plate assembly	SIZE: 3 X 1.5Mtr , Material - SS310	Nos	2	Unit 1 and Unit 2	✓	

### Plan 4: Boiler pressure parts

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1	Soot blower	Soot blower N.A.TAPH	MODEL NO.G9B, MAKE - ALSTOM	Nos	6	Unit 1 and Unit 2	✓	
2	Soot blower	Soot blower N.A.HRSB	MODEL NO.IK 300, MAKE - ALSTOM	Nos	5	Unit 1 and Unit 2	✓	
3	Soot blower	Lance	LANCE TUBE ,PART NO.35 50503444,MODEL NO.IK-300, MAKE:ALSTOM,FOR FULL TRAVEL SOOT BLOWER.	Nos	4	Unit 1 and Unit 2	✓	
4	Soot blower	Lance	LANCE TUBE,PART NO.35 50503821,MODEL NO.IK-300, MAKE:ALSTOM,FOR HALF	Nos	4	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
			TRAVEL SOOT BLOWER					
5	SWAS	Primary cooler for sample	Primary cooler Model No. SC-4-18-SS Sr. No J0518 Tube side Design Press-250 Kg/cm <sup>2</sup> and Temperature- 580 °c , Shell side : Design temp : 350 deg, Hydro test press: 35 kg/cm <sup>2</sup> Design pressure: 250 kg/cm <sup>2</sup> , Make- Steam Equipments	Nos	4	Unit 1 and Unit 2	✓	
6	Furnace and second pass	Fins	SIZE: 8mm X 8mm , MOC; CS	MTR	100	Unit 1 and Unit 2	✓	
7	Furnace and second pass	Fins	SIZE: 10mm X 8mm , MOC; CS	MTR	100	Unit 1 and Unit 2	✓	
8	Furnace and second pass	Fins	SIZE: 12mm X 8mm , MOC; CS	MTR	100	Unit 1 and Unit 2	✓	
9	Furnace and second pass	Fins	SIZE: 14mm X 8mm , MOC; CS	MTR	100	Unit 1 and Unit 2	✓	
10	Furnace and second pass	Fins	SIZE: 16mm X 8mm , MOC; CS	MTR	100	Unit 1 and Unit 2	✓	

### **Plan 5: Cyclone**

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1	Non- metallic bellow	Cyclone inlet bellow	NMEJ Duct Tag No. EJ-1 Type-KEI FF 25 F, 40XF2W Suitable for degree C, temperature & lignite contain with sulphur drawing No. KE-EN 0209.01 with fastener M 10X50 p70 Nos.	Nos	4	Unit 1 and Unit 2	✓	
2	Non- metallic bellow	Cyclone outlet bellow	NMEJ Cyclone outlet Tag No.EJ-3 Type :F-Fabric combination sulphur , Size:4765mmX8312mm width :500 mm with fasteners.	Nos	4	Unit 1 and Unit 2	✓	
3	Non- metallic bellow	Cyclone down comer	TAG NO. EJ-04, type:40x-w, size: D-22506mm,D-2750mm,S-550MM, MEDIA:flue gass+ash , temp;1000deg., including fastner, make: keld for downcomer	Nos	4	Unit 1 and Unit 2	✓	

**Plan 8: Fans**

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1.	SA Fan	Bearing	1) LOCATING (DE) FOR SA FAN BEARING WITH HOUSING. FAN SIZE/TYPE:2030 MM DIA DIBAB-11 SA FAN, BEARING SIZE/TYPE: 4.1/2" DIA RI TYPE WATER COOL SHAFT DIA. AT BEARING:101.6MM, TYPE: JOURNAL, MATERIAL:CAST IRON, LINER MATERIAL:WHITE METAL.Make-Andrew yule 2) NON LOCATING (NDE) FOR SA FAN BEARING WITH HOUSING. FAN SIZE/TYPE:2030 MM, DIA DIBAB-11 SA FAN, BEARING SIZE/TYPE: 4.5" DIA RI, TYPE WATER COOL SHAFT DIA. AT BEARING:101.6 MM, BEARING TYPE: JOURNAL, MATERIAL:CAST IRON	Nos	2	Unit 1 and Unit 2	✓	
2.	SA Fan	Suction Silencer	SPARE INLET SILENCER OF 2030MM DIA DLBAB-11 SECONDARY AIR FAN, DRAG NO. K-4765, PART NO. 19	Nos	3	Unit 1 and Unit 2	✓	
3.	SA Fan	Coupling	Coupling Flexible With Tyre Ph-450-S Make: Unique For Sa Fan	Nos	1	Unit 1	✓	
4.	SA Fan	Tyre	Tyre For Coupling Flexible Ph-450-H, Make: Unique For Sa Fan	Nos	1	Unit 1	✓	
5.	PA Fan	Inlet silencer	INLET SILENCER FOR 2350 MM DIA DI-BAB-11, PART NO.19, DRAWING NO. K-4762 , MAKE: ANDREW YULE. APPLICATION- PA FAN	Nos	4	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
6.	PA Fan	Bearing	LOCATING (DE) FOR SA FAN BEARING WITH HOUSING. FAN SIZE/TYP:2030 MM DIA DIBAB-11 SA FAN, BEARING SIZE/TYP: 4.1/2" DIA RI TYPE WATER COOL SHAFT DIA. AT BEARING:101.6MM, TYPE: JOURNAL, MATERIAL:CAST IRON, LINER MATERIAL:WHITE METAL.	Nos	2	Unit 1 and Unit 2	✓	
7.	ID Fan	Voith coupling bearing	Angular contact ball bearing 7230 BMPUA make: SKF	Nos	4	Unit 1 and Unit 2	✓	
8.	ID Fan	Voith coupling bearing	Angular contact ball bearing 7322 B TVP UA, B make: SKF	Nos	2	Unit 1 and Unit 2	✓	
9.	ID Fan	Voith coupling bearing	Cylindrical roller bearing, NU 230 MAC3	Nos	2	Unit 1 and Unit 2	✓	
10.	ID Fan	Voith coupling bearing	Cylindrical roller bearing, NU 1040 MAC3	Nos	2	Unit 1 and Unit 2	✓	

### **Plan 11: Lignite feeding system**

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1.	Gravimetric feeder	Feeder Belt (1B, 2B)	RUBBER SIDE WALL BELT WITH BOTTOM PROFILES XE/504 BELT WIDTH:1000 MM, THICKNESS:12 MM, PLY:4 PLY, TOP COVER:6MM, BOTTOM COVER:2 MM, BELT LENGTH:60 MTRS, OPEN END SIDE WALL HEIGHT:70 MM, BELT GROOVE AT THE BOTTOM:30 MM AT THE TOP AND BOTTOM:18MM, HEIGHT:12 MM (TWO GROOVES AT THE BOTTOM OF THE END)	Nos	2	Unit 1 and Unit 2	✓	
2.	Gravimetric feeder	Fastener Kit	Fastener Kit RAR5-SE-48-ACS-CS Kit For Belt Width-1200Mm Belt Thick-10-12Mm Make	Nos	12	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
			Flexco, Application-Gravimetric Feeder					
3.	Gravimetric feeder	MSRT Machine for belt joint	MSRT Machine, Size: 60", Make: Flexo, For Gravimetric Feeder Belt Riveting	Nos	1			
4.	Gravimetric feeder	Belt side wall (rib)	Rib For Feeder Belt As Per Drawing, Application: Gravimetric Feeder	Mtr	120	Unit 1 and Unit 2	✓	
5.	Gravimetric feeder	Gearbox	BELT DRIVE REDUCER RATIO-100:1, PART NO. C21968-1 G 01 AY 1953 DRAWING NO. A28420-REV-0 SHEET-1/6 MAKE: STOCK	Nos	1	Unit 2	✓	
6.	Gravimetric feeder	Head pulley (2A)	Pulley head lagged material conveyor GRP LPG 30 Schenck process part No.AB16268-1, Application: Gravimetric feeder head end pulley	Nos	2	Unit 2	✓	
7.	Gravimetric feeder	Tail pulley (1A, 2A)	SELF CLEANING SCREW PULLEY, SIZE: CAGE OD-365 MM, CAGE THICKNESS-12 MM, CAGE LENGTH-1074 MM, MATERIAL-EN-8, SHAFT OD-72MM, LENGTH-1162 MM, MATERIAL-EN-19 AS PER DRAWING APPLICATION- GRAVIMETRIC FEEDER TAIL END SIDE	Nos	2	Unit 1 and Unit 2	✓	
8.	Gravimetric feeder	Carrying rollers	MS solid Roller, Length-1236mm, dia-63.5mm, At bearing dia-19.05mm, AS per Drawing	Nos	150	Unit 1 and Unit 2	✓	
9.	Gravimetric feeder	Carrying roller bearing	Bearing FY 3/4" TF	Nos	300	Unit 1 and Unit 2	✓	
10.	Gravimetric feeder	Return rollers	MS hollow roller, Length-1226mm, dia of rollar-203mm, Thickness-6mm of Pipe, At bearing area-25.5mm AS per Drawing	Nos	30	Unit 1 and Unit 2	✓	
11.	Gravimetric feeder	Return roller bearing	Bearing FY 1" TF	Nos	60	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
12.	Gravimetric feeder	Modified carrying roller	Modified Carrying Roller With Gland Stuffing Box And Pusher Application : Gravimetric Feeder	Nos	26	Unit 1 and Unit 2	✓	
13.	Gravimetric feeder	Modified carry roller bearing	SYJ35 TF	Nos	52	Unit 1 and Unit 2	✓	
14.	Gravimetric feeder	NDE bearing	Bearing 22217 EK C3 WITH SLEEVE H- 317	Nos	4	Unit 1 and Unit 2	✓	
15.	Gravimetric feeder	Bunker gate	AS per sample , MOC-MS 20mm plate and 3mm liner plate, Rack angle 75mm with slot 50nOs. As per drawing	Nos	1	Unit 1 and Unit 2	✓	
16.	Gravimetric feeder	Roller Spare for bunker gate	ROLLER, PART NO.W-1864-1, MAKE: LINK BELT, FOR GRAVIMETRIC FEEDER	Set (As defined below)	4	Unit 1 and Unit 2	✓	
17.	Gravimetric feeder	Pinion	PINION, PART NO.42, AS PER DRAWING ATTACHED, FOR GRAVIMETRIC FEEDER GEAR BOX, MAKE: STOCK	Nos	2	Unit 1 and Unit 2	✓	
18.	Gravimetric feeder	Output wheel	Part No. 51 Teeth-73 OD-305, ID-135	Nos	2	Unit 1 and Unit 2	✓	
19.	Gravimetric feeder	Rack Angle	RACK ANGLE , SIZE: 75MM X 75MM X 12MM, MOC: SS310, LENGTH: 1765MM WITH SLOTTING AS PER DRAWING	Nos	4	Unit 1 and Unit 2	✓	
20.	Gravimetric feeder	Bearing	6211 2RS1	Nos	4	Unit 1 and Unit 2	✓	
21.	Gravimetric feeder	External Circlip	SIZE : 50X2mm	Nos	1	Unit 2	✓	
22.	Gravimetric feeder	Spacer	As per sample	Nos	1	Unit 2	✓	
23.	Gravimetric feeder	Bearing 8511	Twin Valve Type : Vb , Model: Vtw 39-3/8 X118--1/8--Ss--Vb--Sp. Make: Stock, Gravimetric Feeder	Nos	1	Unit 2	✓	
24.	Gravimetric feeder	Bearing GBC 1658 2Z	Bearing ,Part No.B 114, Make: Link Belt For Gravimetric Feeder	Nos	2	Unit 2	✓	
25.	Gravimetric feeder	Bunker Gate Guide Roller	Roller, Part No.W-1864-1, Make: Link Belt, For Gravimetric Feeder	Nos	1	Unit 2	✓	
26.	Gravimetric	Bunker Gate bearing	Bearing Flange Closed Housing,	Nos	1	Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
	feeder	housing	Part No.: Y 303-1, Make: Link Belt, For Clean Out Conveyor					
27.	Gravimetric feeder	COC Link assembly without flight (1A, 2A, 1B, 2B)	CHAIN LINK ASSEMBLY AS PER DRG NO-1.47740/00885-0207 WITHOUT FLIGHT	Nos	756	Unit 1 and Unit 2	✓	
28.	Gravimetric feeder	COC Link assembly with flight	CHAIN LINK ASSEMBLY AS PER DRG NO-1.47740/00885-0207	Nos	84	Unit 1 and Unit 2	✓	
29.	Gravimetric feeder	Guide plates	GUIDE PLATE, SIZE:75MMX12MMX1700 MM, MOC:RST-37-2 FOR ASH DRAGLINK CONVEYOR	Nos	72	Unit 1 and Unit 2	✓	
30.	Gravimetric feeder	Sprockets	SPROCKETS FOR 142 MM FORGED CHAIN LINKS, APPLICATION: CLEAN OUT CONVEYOR (COC) AS PER DRAWING	Nos	6	Unit 1 and Unit 2	✓	
31.	Gravimetric feeder	COC bearings	(SYJ 70 TF/ UCP 214) and (SYJ 60 TF)	Nos	16	Unit 1 and Unit 2	✓	
32.	Gravimetric feeder	MS Pipe	Type ERW, Size-400 NB(16") Thickness 8 mm	Mtr	60	Unit 1 and Unit 2	✓	
33.	Lignite drag link Conveyor	Chain link assembly	LIGNITE DRAGLINK CHAIN LINK ASSEMBLY INCLUDING CIRCLIP, PIN, SS BOLTS & NUTS ETC. AS PER DRAWING ATTACHED	Nos	132	Unit 1 and Unit 2	✓	
34.	Lignite drag link Conveyor	Gearbox	GEAR-MOTOR MECHANISM, MODEL NO. R97DV132M4/TF-RATED POWER 7.5 KW, GEAR RATIO: 59.92, MAKE: SEW-EURO DRIVE, FOR LIGNITE DRAGLINK CONVEYOR	Nos	2	Unit 1 and Unit 2	✓	
35.	Lignite drag link Conveyor	Guide plates	1. MS GUIDE RAIL, SIZE : 55X12X1500 MM 2. MS GUIDE RAIL, SIZE : 50X08X1500 MM	Nos	512	Unit 1 and Unit 2	✓	
36.	Lignite drag link Conveyor	Sprockets set and Drive chain		Set (As defined below)	5		✓	
37.	Lignite drag link	Duplex Sprocket	Drive Type, Id: 60 Mm, Key	Nos	1	Unit 1	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
	Conveyor		Way: 18 Mm X 6Mm, Pitch: 1.25", Teeth: 19, Moc: C45/En-8, Flame Hardened Min.300 Bhn, Application: Lignite Draglink Conveyor Drive Sprocket					
38.	Lignite drag link Conveyor	Duplex Sprocket	Driven Type, Id: 180 Mm, Pitch: 1.25", Teeth: 42, Moc: C45/En-8, Flame Hardened Min.250 To 300 Bhn., Application: Lignite Draglink Conveyor Driven Sprocket2	Nos	1	Unit 1	✓	
39.	Lignite drag link Conveyor	Driven Sprocket Sleeve	Used Model: Type 7000, 130/180, Fabr. Maschinenlager	Nos	1	Unit 1	✓	
40.	Lignite drag link Conveyor	Forkey Sprocket	Od-480Mm,Pcd-265Mm,Id-235Mm,Thickness-20Mm,Moc-En-19,Teeth Surface Hard 45Hrc, For Lignite Draglink As Per Drawing(1 Set=02 Disc), Make-Rolcon, Application-Lignite Draglink Conveyor	Nos	2	Unit 1 and Unit 2	✓	
41.	Lignite drag link Conveyor	Sleeves	1. Head end shaft MS SLEEVE, SIZE: 160X170X271 MM 2. TAIL END SHAFT MS SLEEVE,SIZE:85X95X150 MM, APPLICATION- LIGNITE DRAG LINK CONVEYOR	Nos	16	Unit 1 and Unit 2	✓	
42.	Lignite drag link Conveyor	Tail pulley (2B)	SHAFT DIA-118MM,LENGTH OF SHAFT-1716MM, MOC-EN-8, WITH KEY (28X16X125MM)-02 NOS.,APPLICATION - LIGNITE DRAGLINK CONVEYOR TAIL END SIDE	Nos	2	Unit 2	✓	
43.	Lignite drag link Conveyor	Steel plate	SS-304 5mm	Ton	1.5	Unit 1 and Unit 2	✓	
44.	Lignite drag link Conveyor	Steel (for ss liner plate and body)	1. SIDE BODY PLATE, MOC: M.S., THICK: 08 MM, STD SIZE FOR Lignite draglink SIDE BODY REPAIRING 2. LINER PLATE , SS304 , 5M THICK	Ton	14	Unit 1 and Unit 2	✓	
45.	Lignite drag link	Bearings		Set (As	1		✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
	Conveyor			defined below)				
46.	Lignite drag link Conveyor	Bearing Housing	Snl 530, Make: Skf	Nos	2	Unit 1 and Unit 2	✓	
47.	Lignite drag link Conveyor	Bearing	22230 Ek/C3 , Make: Skf	Nos	2	Unit 1 and Unit 2	✓	
48.	Lignite drag link Conveyor	Bearing Sleeve	Size: H-3130, Make: Skf	Nos	2	Unit 1 and Unit 2	✓	
49.	Lignite drag link Conveyor	Bearing Housing	Snl 519, For Lignite Drag Link Conveyor Nde Side	Nos	2	Unit 1 and Unit 2	✓	
50.	Lignite drag link Conveyor	Bearing	22219 Ek , Make: Skf	Nos	2	Unit 1 and Unit 2	✓	
51.	Lignite drag link Conveyor	Lip Seal	For Bearing Housing Snl 519	Nos	4	Unit 1 and Unit 2	✓	
52.	Lignite drag link Conveyor	Manual gate (1A, 2A)	SLIDING MANUAL GATE FOR LIGNITE DRAG LINK, EFFECTIVESIZE-1200X1020MM,EFFECTIVE TEMP-500°C, PRESSURE-0.7 BAR, MEDIA-LIGNITE AND AIR AS PER DRAWING 1.47740/00300-0083	Nos	2	Unit 1 and Unit 2	✓	
53.	Lignite drag link Conveyor	Glands	GLAND SIZE: 14 MM STYLE-8 SYR(MADE FROM EPTFE/GRAPHITE YARD,RAINFORCED WITH SYNTHETIC CERAMIC YARN AT CORNER	Kg	10	Unit 1 and Unit 2	✓	
54.	Lignite rotary air lock feeder	Gearbox	GEAR-MOTOR MECHANISM, MODEL NO. R97DV132M4/TF-RATED POWER 7.5 KW, GEAR RATIO: 59.92, MAKE: SEW-EURO DRIVE,FOR LIGNITE DRAGLINK CONVEYOR	Nos	1	Unit 1 and Unit 2	✓	
55.	Lignite rotary air lock feeder	Gearbox spares		Lot (as defined below)	1	Unit 1 and Unit 2	✓	
56.	Lignite rotary air lock feeder	Pinion	MN1.75 Z27 L36 D28	Nos	2	Unit 1 and Unit 2	✓	
57.	Lignite rotary air	Wheel	2 MN1.75 Z45 D24 A72	Nos	1	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
	lock feeder							
58.	Lignite rotary air lock feeder	Pin. shaft	5 MN1.75 Z17 L53 K77	Nos	1	Unit 1 and Unit 2	✓	
59.	Lignite rotary air lock feeder	Wheel	6 MN1.75 Z99 L48 D72 K/KA77	Nos	1	Unit 1 and Unit 2	✓	
60.	Lignite rotary air lock feeder	O/P shaft	KF/FF77 50x100	Nos	1	Unit 1 and Unit 2	✓	
61.	Lignite rotary air lock feeder	Oil seal	W BASF55x72x10/7-NBR	Nos	4	Unit 1 and Unit 2	✓	
62.	Lignite rotary air lock feeder	TR-bearing	30211	Nos	4	Unit 1 and Unit 2	✓	
63.	Lignite rotary air lock feeder	Vent valve	W4087 M12x1,5-CuZn-HEI	Nos	4	Unit 1 and Unit 2	✓	
64.	Lignite rotary air lock feeder	TR-bearing	30212	Nos	4	Unit 1 and Unit 2	✓	
65.	Lignite rotary air lock feeder	TR-bearing	30306	Nos	8	Unit 1 and Unit 2	✓	
66.	Lignite rotary air lock feeder	Retaining ring	DIN472 72x2,5-FS	Nos	4	Unit 1 and Unit 2	✓	
67.	Lignite rotary air lock feeder	TR-bearing	32306	Nos	4	Unit 1 and Unit 2	✓	
68.	Lignite rotary air lock feeder	TR-bearing	32206	Nos	4	Unit 1 and Unit 2	✓	
69.	Lignite rotary air lock feeder	Bevel gear set	cpl. K77 i=1,632	Nos	1	Unit 1 and Unit 2	✓	
70.	Lignite rotary air lock feeder	Retaining ring	DIN472 110x4-FS	Nos	4	Unit 1 and Unit 2	✓	
71.	Lignite rotary air lock feeder	Closing cap	W4300 1-110x12	Nos	4	Unit 1 and Unit 2	✓	
72.	Lignite rotary air lock feeder	Gasket	K/S77 R87	Nos	4	Unit 1 and Unit 2	✓	
73.	Lignite rotary air lock feeder	Retaining ring	DIN471 24x1,2-FS	Nos	4	Unit 2	✓	
74.	Lignite rotary air lock feeder	Closing cap	W4300 1-72x9	Nos	4	Unit 1 and Unit 2	✓	
75.	Lignite rotary air lock feeder	Retaining ring	DIN472 72x2,5-FS	Nos	4	Unit 1 and Unit 2	✓	
76.	Lignite rotary air lock feeder	Closing cap	W4300 1-72x9	Nos	4	Unit 1 and Unit 2	✓	
77.	Lignite rotary air	RALF bellow (1AA,	METALLIC EXPANSION JOINT,	Nos	3	Unit 1	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
	lock feeder	1BB, 1BA)	TYPE : RECTANGULAR, TAG NO : EJ-01,RECTANGULAR METTALIC EXPANSION BELLOW, SIZE- 950X450MM,HEIGHT- 475MM,APPLICATION-LIGNITE RALF,TAG NO.EJ-01,DESIGN TEMPERATURE-250 DEGREE CENT.,DESIGN PRESSURE- 0.5KG/CM2, AXIAL MOVEMENT/COMPRESSION- 50/50MM, INSTALLED LENGTH-475MM,NO. OF CONVOLUTION-04 NOS,DUCT ID-964MMX464MM,INNER SLEEVE MOC-SS304(3 MM THICK),AS PER DRAWING NO, SC-3563-216-REV-01					
78.	Lignite rotary air lock feeder	Manual gate	SLIDING PLATE MOC-SS310, Thickness - 12mm. SLIDING MANUAL GATE FOR RALF, EFFECTIVESIZE- 1000*500MM,EFFECTIVE TEMP-500°C, PRESSURE-0.7 BAR, MEDIA-LIGNITE AND AIR AS PER DRAWING 1.47740/00300-0092(GATE SHOULD BE SINGLE OPERATED SPINDLE)	Nos	10	Unit 1 and Unit 2	✓	
79.	Lignite rotary air lock feeder	Pipe for inlet chute	625 NB SS PIPE, THICKNESS- 10MM,MOC-SS 310	Mtr	12	Unit 1 and Unit 2	✓	
80.	Lignite rotary air lock feeder	Bearings		Set (As defined below)	4		✓	
81.	Lignite rotary air lock feeder	Housing For Bearing 22222	HOUSING FOR BEARING 22222 AS PER DRAWING, APPLICATION LIGNITE ROTARY FEEDER	Nos	2	Unit 1 and Unit 2	✓	
82.	Lignite rotary air lock feeder	Rotor Shaft Bearing 22222 Ek/C3	BEARING 22222 EK/C3, WITH SLEEVE H-322, MAKE: SKF, FOR ROTARY FEEDER NDE	Nos	4	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
			SIDE (TO BE SHIFTED IN 28 LEDGER WITH NEW CODE )					
83.	Lignite rotary air lock feeder	Housing For Bearing 22218	HOUSING FOR BEARING 22218 AS PER DRAWING	Nos	2	Unit 1 and Unit 2	✓	
84.	Lignite rotary air lock feeder	Scrapper Shaft Bearing 22218 Ek/C3	BEARING 22218 EK/C3 , WITH SLEEVE H- 318, MAKE: SKF, FOR LIGNITE ROTARY FEEDER	Nos	4	Unit 1 and Unit 2	✓	
85.	Lignite rotary air lock feeder	Timing gears		Set (As defined below)	2		✓	
86.	Lignite rotary air lock feeder	Pinion	TIMING GEAR, ID-70 MM, OD: 172 MM, WIDTH: 120 MM KEY WAY WIDTH -20 MM, NO. OF TEETH-21, MOC-EN353, TOOTH HARDNESS-45 TO 50 HRC AS PER DRAWING	Nos	2	Unit 1 and Unit 2	✓	
87.	Lignite rotary air lock feeder	Spur Gear	TIMING GEAR, ID-100 MM, OD: 642 MM, WIDTH: 140MM KEY WAY WIDTH -28 MM, NO. OF TEETH-84, MOC-EN8, TOOTH HARDNESS-45 TO 50 HRC AS PER DRAWING	Nos	2	Unit 1 and Unit 2	✓	
88.	Lignite rotary air lock feeder	Gland packing	1. GLAND-10 MM,STYLE-8 SYR(MADE FROM EPTFE/GRAPHITE YARD,RAINFORCED WITH SYNTHETIC CERAMIC YARN AT CORNER AND 2. GLAND-12 MM,STYLE-8 SYR(MADE FROM EPTFE/GRAPHITE YARD,RAINFORCED WITH SYNTHETIC CERAMIC YARN AT CORNER	Kg	30	Unit 1 and Unit 2	✓	
89.	Lignite rotary air lock feeder	Consumables		Lot (as defined below)	1		✓	
90.	Lignite rotary air lock feeder	Gland Packing	10 Mm,Style-8 Syr(Made From Eptfe/Graphite Yard,Reinforced With Synthetic Ceramic Yarn At	Kg	5	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
91.	Lignite rotary air lock feeder	Gland packing	Corner 12 Mm,Style-8 Syr(Made From Eptfe/Graphite Yard,Reinforced With Synthetic Ceramic Yarn At Corner	Kg	5	Unit 1 and Unit 2	✓	
92.	Lignite rotary air lock feeder	Ht Stud	M10X100 mm Grade 10.9 With Washer And Nut	Nos	50	Unit 1 and Unit 2	✓	
93.	Lignite rotary air lock feeder	Ht Stud	Size: M12X40 mm Grade 10.9 With Washer And Nut	Nos	100	Unit 1 and Unit 2	✓	
94.	Lignite rotary air lock feeder	Bolt Nut And Double Washer	M16X50, HT 10.9	Nos	200	Unit 1 and Unit 2	✓	
95.	Lignite rotary air lock feeder	Bolt Nut And Double Washer	M12X50 , HT 10.9	Nos	200	Unit 1 and Unit 2	✓	
96.	Lignite rotary air lock feeder	Ceramic Tap	Size:30X3 Mm	Kg	20	Unit 1 and Unit 2	✓	
97.	Lignite rotary air lock feeder	Non-Asbestos Ceramic Rope	Dia-10Mm (Round)	Mtr	10	Unit 1 and Unit 2	✓	
98.	Lignite rotary air lock feeder	Non-Asbestos Ceramic Round Rope	Size-12 Mm, High Temperature Application	Kg	20	Unit 1 and Unit 2	✓	
99.	Lignite rotary air lock feeder	Non-Asbestos Ceramic Round Rope	Size-16 Mm, High Temperature Application	Kg	20	Unit 1 and Unit 2	✓	
100.	Lignite rotary air lock feeder	Silicon Sealant	SILICON SEALANT	Nos	10	Unit 1 and Unit 2	✓	
101.	Lignite rotary air lock feeder	Lube oil	SERVO MESH SP 320 OIL	Barrel	3	Unit 1 and Unit 2	✓	
102.	Lignite rotary air lock feeder	Grease	LITIUM GREASE EP TYPE ( SERVO / BALMEROL) / LITHON EP2	Barrel	5	Unit 1 and Unit 2	✓	

### **Plan 15: Valves**

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
1.	Eco and ring header drain valve	Globe valve	80NB,1500 class,Butt Weld, Globe valve, Make- BHEL	Nos	10	Unit 1 and Unit 2	✓	
2.	Start up vent MOV	Gate valve	100NB, 2500 class, Wedge Gate valve, Butt Weld, Make-	Nos	2	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
			BHEL, Motor Operated					
3.	Start up vent control valve	Control valve	100NB, 2500#,Butt Weld,Make-BHEL, Pneumatic operated	Nos	2	Unit 1 and Unit 2	✓	
4.	MS drain manual valve	MS drain manual valve	2",2500 class, Globe valve, Socket Weld, Make- BHEL, Manual Valve	Nos	4	Unit 1 and Unit 2	✓	
5.	SH drain MOV	SH drain	80NB,2500#,Wedge gate valve, Make-BHEL, Motor operated	Nos	2	Unit 1 and Unit 2	✓	
6.	ERV	Gate valve	2.5",2500 # ERV including 3/4" globe 2500# valve , Make-BHEL	Nos	2	Unit 1 and Unit 2	✓	
7.	Boiler fill Drain Line	2",3000 Class, SW	2", globe valve,class 3000 , socket Weld, make- BHEL, Manual Operated	Nos	2	Unit 1 and Unit 2	✓	
8.	Boiler fill Drain Line	Gate valve	3",900 class,Butt Weld,WC6, Make-BHEL, Butt Weld, Manual operated	Nos	16	Unit 1 and Unit 2	✓	
9.	Boiler fill Drain Line	Globe valve	1",2500 class, Socket Weld, Globe valve, Make-BHEL , Manual Operated	Nos	20	Unit 1 and Unit 2	✓	
10.	Boiler fill Drain Line	Globe valve	1.5",2500 class, Socket Weld, Globe valve, Make-BHEL	Nos	10	Unit 1 and Unit 2	✓	
11.	Boiler fill Drain Line	Globe valve	1",1500 class, Socket Weld, Globe valve, Make-BHEL	Nos	20	Unit 1 and Unit 2	✓	
12.	Boiler fill Drain Line	Globe valve	1/2",2500 class, Socket Weld, Globe valve, Make-BHEL	Nos	20	Unit 1 and Unit 2	✓	
13.	Boiler fill Drain Line	Soot Blower Master Mov	wedge gate valve,80NB, 600class, Buttt weld, Make - BHEL, Motor operated	Nos	2	Unit 1 and Unit 2	✓	
14.	Boiler fill Drain Line	Taph Soot blower Isolation Valve - Mov	wedge gate valve,80NB, 600class, Buttt weld, Make - BHEL, Motor operated	Nos	1	Unit 2	✓	
15.	Boiler fill Drain Line	2nd Pass Soot Blower Isolation Valve - Mov	wedge gate valve,80NB, 600class, Buttt weld, Make - BHEL, Motor operated	Nos	1	Unit 2	✓	
16.	IBD MOV	Valve required	Globe valve, 150 NB, 1500 Class, Butt weld, Make- BHEL , Motor Operated	Nos	2	Unit 1 and Unit 2	✓	
17.	L-valve	Metallic bellow	Metallic Bellow for L-valve, Size:1000x580mm Length Type:	Nos	3	Unit 1 and Unit 2	✓	

S. No	Component	Item	Description	UOM	Quantity	Unit 1/Unit 2	Cat 1	Cat 2
			Double Universal, Design Temp (Skin/Flow): 250/1250°C, Pressure: 1.05 Kg/Cm <sup>2</sup> , Media: Ash As Per Drg No.Sc-7236-4279, Rv-01, Make: Shivam Cast.					
18.	L-valve	Fluidizing hose	Hose Size: 1" Bsp & 1500 Mm, Class: 150 # Flanged At One Side & Other Side Female Fitting Long, Pcd-86Mm, Moc: SS 304 (For Fluidizing Hose)	Nos	20	Unit 1 and Unit 2	✓	
19.	IBD MOV	Valve required	Globe valve, 150 NB, 1500 Class, Butt weld, Make- BHEL, Motor Operated	Nos	2	Unit 1 and Unit 2	✓	
20.	Boiler fill Drain Line	IBD - Control Valve	150 NB, 1500 Class, Butt weld, Make- Fisher, Pneumatic Operated	Nos	1	Unit 1	✓	

## **Annexure 3: Boiler RLA Preliminary Reports**

Bidders can refer to the below link to access and download the ATPS Boiler RLA Preliminary Reports.

*Link:*

[https://gmdcltd-my.sharepoint.com/:f/g/personal/jndave\\_gmdcltd\\_onmicrosoft\\_com/EkqJ14mDHGdBn9V0CdpqQ8IBY-XSRMHcUKc3dfNvHM-21g?e=XbWHbB](https://gmdcltd-my.sharepoint.com/:f/g/personal/jndave_gmdcltd_onmicrosoft_com/EkqJ14mDHGdBn9V0CdpqQ8IBY-XSRMHcUKc3dfNvHM-21g?e=XbWHbB)

## Annexure 4: Revised Schedule of Bidding

The revised schedule of bidding, Clause 1.6 of Part 3 of the RfP is as follows:

Activity	Schedule
<b>Online submission of Price Bid</b>	Bidders shall submit their Price Bids online on <a href="https://gmdc.nprocure.com">https://gmdc.nprocure.com</a> <b>on or before 06<sup>th</sup> October 2023</b>
<b>Submission of Technical Bid (hard copy), RFP Fee and EMD in person</b>	<p>Bidders shall submit their Technical Bids <b>on or before 07<sup>th</sup> October 2023 up to 1800 hrs.</b> at the following address:</p> <p>Gujarat Mineral Development Corporation Ltd Khanij Bhavan, 132-Ring Road, Gujarat University Ground, Vastrapur, Ahmedabad- 380052</p> <p>The Technical Bid, RFP fee, and EMD shall be made by Speed Post / RPAD / Hand / Courier</p>